



KONICA MINOLTA

The essentials of imaging



Product Guide

bizhub PRO C5501

Status: 08.2008
Version: 1.2

Konica Minolta Business Solutions Europe GmbH
International Marketing Division
Production Printing

Product Basic

MODEL DEVELOPMENT CODE	Monet e-55
MODEL NAME	bizhub PRO C5501
SUCCESSOR MODEL FOR	bizhub PRO C5500
ESTIMATED SALES START	09/2008
INFOSOURCE SEGMENT	50+
ALSO AVAILABLE AS	Nyf (Develop, Ikon)
MAX. MONTHLY COPY VOLUME	250.000 copies/prints (in Qzone)
AVERAGE MONTHLY COPY VOLUME	30.000
MACHINE LIFE	5 Million images or 5 years (whichever comes first)
MCBF (Mean Copies Between Failure)	50.000
MCBJ (Mean Copies Between Jam)	10.000
MCBV (Mean Copies between Visit)	
MTTR (Mean Time To Repair)	
SAFETY & ENVIRONMENT	
	English Data Sheets
	German Data Sheets

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Engine Specifications

Type	Console Type
Colour	Full-Colour
Colour Method	4 drums tandem laser electric transfer
Copy speed	
Colour A4	55ppm
BW A4	55ppm
Colour A4	3.000pph *depends on engine settings
BW A4	3.000pph *depends on engine settings
Duplex A4 col/bw	55ppm
Colour A3	33ppm
BW A3	33ppm
Colour A3	1.500pph *depends on engine settings
BW A3	1.500 pph *depends on engine settings
Duplex A3 col/bw	26ppm
Monthly Volumes	
Qzone	250,000 (10,000 black and white)
A Zone	100,000 (4,200 black and white)
B Zone	150,000 (8,500 black and white)
C Zone	150,000 (8,500 black and white)
Resolution	
Copy	600 x 600 dpi
Print	600 x 1800 dpi (with smoothing)
Scan	600 x 600 dpi
Media handling	
Paper Format*	*depends on input tray
Min.	100 x 148mm
Max.	330 x 487mm

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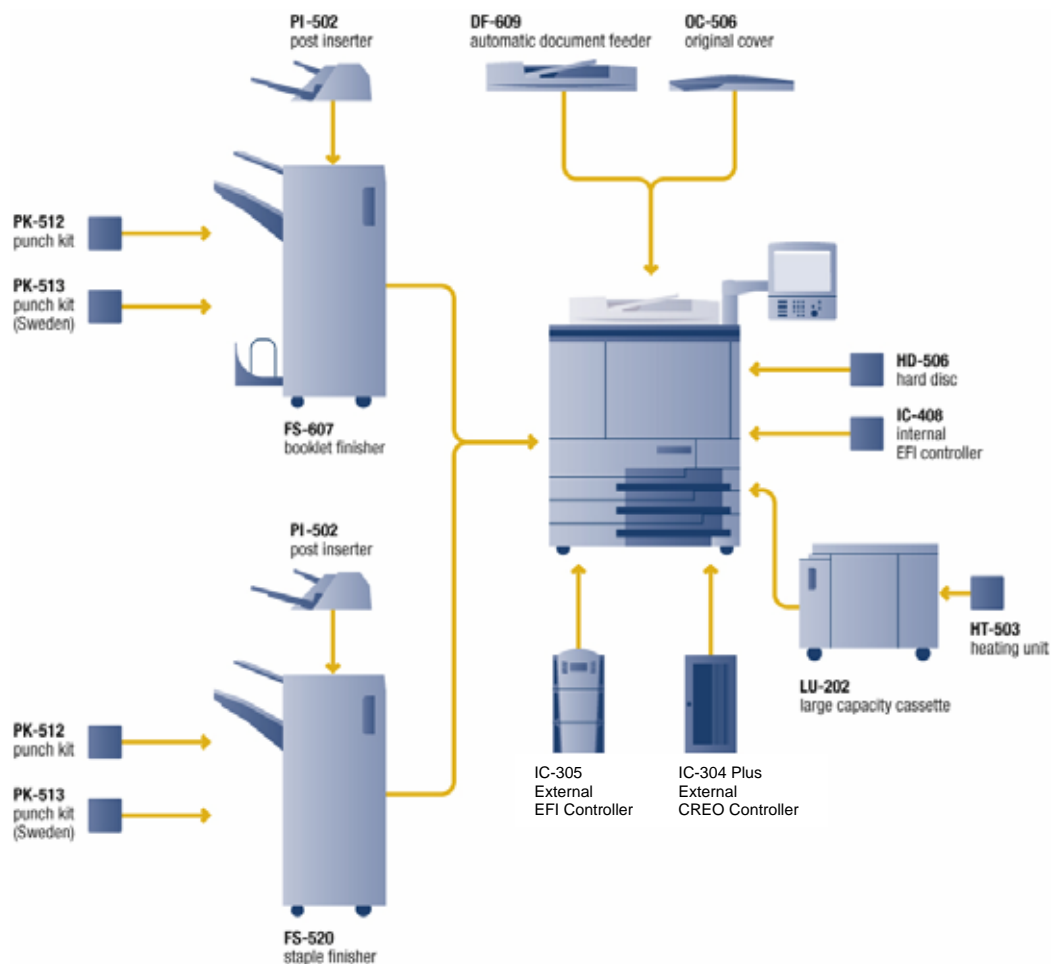
Paper Weight	64 – 300gsm
Missing Image	Leading/trailing Edge : Less than 4mm Both Side: Less than 3mm - Trailing edge 6 mm or less for Thick paper 200 g/m2 or more - Full size must be specified for copy. - in case of special Postcard support: leading edge: 1 mm
Max. Printable area	318 x 480mm
Memory	
Engine Memory	4 x 256 MB RAM
Hard Disk	40GBx4color (Optional)
Gradation	256 gradation (8bit)
Warm up Time	Less than 420sec.
First Copy Time	Monochrome : Less than 5.0sec. (A4, 8.5"x11") Colour : Less than 6.5sec. (A4, 8.5"x11")
Noise	
Under Operation	Less than 78dB (Main body)
Idling	Less than 58.5dB (Main body)
Operation Area	LCD Touch panel + Hard Key
Original Reading type	CCD
Original Set Plate	Fixed Type
Developing Type	2 kinds of material magnet brush developing dry type
Transfer Type	Belt/Roller transfer
Separator Type	Corona + Claw type
Cleaning Type	Rubber Blade + rolling brush Type
Fusing Type	Belt
Dimension (W x H x D)	786 x 1056 x 992mm (Main-body + OC-506)
Weight	360kg (Only main body)
Power Source	230V / 15A / 50Hz
Power consumption	
Max.Power Consumption	3,400 W
Low Power	175 W

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Power Save	8 W
Energy Consumption Efficiency	
Environment	Energy Star Program, WEEE, RoHS
Security	ISO 15408

System Configurations



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System Specification

Paper Cassettes	Standard
Capacity	3 x 500 sheets
Paper Weight	64 – 256gsm (209– 256gsm only for larger than A4)
Paper Format	A5 – SRA3
Min.	140 x 182mm
Max.	330 x 487mm

Automatic Duplex	Standard
Capacity	Stackless
Paper Weight	64 – 256gsm
Paper Format	A5 – SRA3
Min.	100 x 148mm
Max.	330 x 487mm

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Original Feeder	Option
Product Name	DF-609
Compatibility	bizhub PRO C5500, C6500, C5501, C6501
Tray Capacity	100 Sheets
Original Weight simplex	35 - 210gsm
Original Weight duplex	50 – 210gsm
Original Size	A5 – A3
Min.	128 x 139,7mm
Max.	297 x 431,8mm
Feeding Speed	39 Colour A4 39 BW A4
Mixed Originals	Yes
Dimensions (WxHxD)	588 x 135 x 519mm (Excluding Paper Tray)
Weight	14.5kg (approx.)
Power Source	From Main body
Power Consumption	60 W

Catch Tray OT-502	Option
Product Name	OT-502
Capacity	150 sheets
Paper Weight	
Paper Format	
Min.	
Max.	
Max. Paper size	13x19 inch

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Hard disc HD-506	Option
Product Name	HD-506
Capacity	4 x 40 GB Hard disc drive

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Manual Bypass	Standard
Capacity	250 sheets
Paper Weight	64 – 300gsm
Paper Format	A5 – SRA3
Min.	100 x 148mm
Max.	330 x 487mm
Media Types	

Large Capacity Cassette	Option
Product Name	LU-202
Compatibility	bizhub PRO C5500, C6500, C5501, C6501
Capacity	2,500 sheets
Paper Weight	64 – 300gsm
Paper Format	B5 – SRA3
Min.	210 x 182mm
Max.	330 x 487mm
Media Types	
Dimensions (WxHxD)	710 x 639 x 477mm
Weight	40kg
Power Source	From Main Body
Power Consumption	Less than 50 W (without HT-503)

Heating Unit	Option
Product Name	HT-503

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Staple Finisher		Option
Product Name	FS-520	
Type	The Finisher with Staple Function	
Straight Exit Mode		
Function	Exit paper without treatment on the main tray	
Tray Capacity		
Small size	3.000 Sheets	A4, A4S, B5, B5S, 8.5"x11", 8.5"x11"S
Large Size	1.500 Sheets*	SRA3, A3, B4, SRA4S 8"x13", 8-1/4"x13", 8-1/2"×13", 8-1/8"x13-1/4", 12"x18", Ledger, Legal Widesize (Max 320mm X 450mm)
	*Depend on the Paper Weight, Paper capacity will be change.	
	-Less than 80g/m2 : 1500 sheet	
	- 81g/m2 to 135g/m2 : 1000 sheet	
	-136g/m2 to 209g/m2 : 700 sheet	
	-210g/m2 to 300g/m2 : 500 sheet	
Less than small size	500 Sheets	A5, A5S, B6S, 5.5"x8.5", 5.5"x8.5"S
Paper Weight	50 – 300gsm	
Paper Format	A3, B4, A4, A4S, B5, B5S, A5, SRA4S, SRA3, A5S, B6S Foolscap, 8-1/4"x13", 8-1/2"x13", 8-1/8"x13-1/4", 12"x18", Ledger, Legal, Letter, LetterS Invoice, Executive, ExecutiveS Tab paper, Wide size, Custom paper	
Min.	128 x 139mm	
Max.	314 x 458mm	
Off Set Mode		
Function	Exit Paper Each set copy 30mm Shift on the main tray.	
Tray Capacity		
Small size	3.000 Sheets	B5, B5S, A4, A4S, 8.5"x11", 8.5"x11"S
Large size	1.500 Sheets	A3, B4, 12"x18", 11"x17", 8.5"x14", 8.5"x14", 11"x17"
Less than small size	500 Sheets	A5, A5S, B6S, A6S, Post card, 5.5"x8.5", 5.5"x8.8"S

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Paper Weight	60 – 300gsm																																		
Paper Format	A3, B4, A4, A4S, B5, B5S, A5, SRA4S, 12x18, 11x17, 8.5"x14", 8.5"x11", 8.5"x11S, 5.5"x8.5", TAB paper, custom paper																																		
Min.	182 x 148mm																																		
Max.	314 x 458mm																																		
Staple Mode																																			
Function	After staple, exit the paper on the man tray																																		
Tray Capacity	Max. 1000 Sheets <table border="1"><tr><td>Staple Mode</td><td>150 - 417mm</td><td colspan="3">Others</td></tr><tr><td>2-9</td><td>100</td><td colspan="3">50</td></tr><tr><td>10-20</td><td colspan="4">50</td></tr><tr><td>21-30</td><td colspan="4">30</td></tr><tr><td>31-40</td><td colspan="4">25</td></tr><tr><td>41-50</td><td colspan="4">20</td></tr></table>					Staple Mode	150 - 417mm	Others			2-9	100	50			10-20	50				21-30	30				31-40	25				41-50	20			
Staple Mode	150 - 417mm	Others																																	
2-9	100	50																																	
10-20	50																																		
21-30	30																																		
31-40	25																																		
41-50	20																																		
Capability	<p>This paper capability apply for less than 5.7mm total paper thickness.</p> <table border="1"><tr><td>Paper Weight</td><td>Normal Paper</td><td>HQ Paper</td><td>Colour Paper</td><td>Coated Paper</td></tr><tr><td>64 – 80gsm</td><td>50 sheets</td><td>50 sheets</td><td>50 sheets</td><td>40 sheets</td></tr><tr><td>81 – 109gsm</td><td>40 sheets</td><td>30 sheets</td><td>30 sheets</td><td>25 sheets</td></tr><tr><td>106 – 135gsm</td><td>30 sheets</td><td>30 sheets</td><td>25 sheets</td><td>20 sheets</td></tr><tr><td>136 – 209gsm</td><td>20 sheets</td><td>20 sheets</td><td>15 sheets</td><td></td></tr></table> <p>*High Quality Paper/Special Paper (include coated paper) are guaranteed only Recommended Paper.</p> <p>It is possible to insert 2 sheet(200g/m2) within above capability.</p>					Paper Weight	Normal Paper	HQ Paper	Colour Paper	Coated Paper	64 – 80gsm	50 sheets	50 sheets	50 sheets	40 sheets	81 – 109gsm	40 sheets	30 sheets	30 sheets	25 sheets	106 – 135gsm	30 sheets	30 sheets	25 sheets	20 sheets	136 – 209gsm	20 sheets	20 sheets	15 sheets						
Paper Weight	Normal Paper	HQ Paper	Colour Paper	Coated Paper																															
64 – 80gsm	50 sheets	50 sheets	50 sheets	40 sheets																															
81 – 109gsm	40 sheets	30 sheets	30 sheets	25 sheets																															
106 – 135gsm	30 sheets	30 sheets	25 sheets	20 sheets																															
136 – 209gsm	20 sheets	20 sheets	15 sheets																																
Paper Weight	60 – 209gsm																																		
Paper Format	A3, B4, A4, A4S, B5, B5S, A5, SRA4S Foolsap, 8-1/4"x13", 8-1/2"x13", 8-1/8"x13-1/4"), Ledger, Legal, Letter, LetterS, Invoice, Exective, ExectiveS Wide size, Custom paper , Tab paper																																		
Min.	182 x 139mm																																		
Max.	314 x 458mm																																		
Sub Tray Mode																																			
Function	Exit paper without treatment on the sub tray.																																		

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Tray Capacity	100 sheets
Paper Weight	64 – 300gsm
Paper Format	A3, B4, A4, A4S, B5, B5S, A5, A5S, B6S, A6S, SRA3, SRA4, SRA4S Foolscap, 8-1/4" × 13", 8-1/2" × 13", 8-1/8" × 13-1/4", Post CardS, 13" × 19", 12" × 18", Ledger, Legal, Letter, LetterS, Invoice, InvoiceS, Exective, ExectiveS, Tab paper , Wide size, Custom paper
Min.	100 x 139mm
Max.	330 x 487mm
Optional	Punch kit (PK512/3) Post inserter (PI-502)
Dimension (WxHxD)	424*1 × 990 × 656 mm *1: Without Tray, With Tray :674.5mm (Drawer in) / 790/5mm (Drawer out)
Weight	Approx. 60kg
Power Source	From Main Body
Power Consumption	nyf

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Booklet Finisher	Option	
Product Name	FS-607	
Type	The Finisher with Staple / Folding Function	
Straight Exit Mode		
Function	Exit paper without treatment on the main tray	
Tray Capacity		
Small size	2.500 Sheets	B5, B5S, A4, A4S, 8.5"×11", 8.5"×11"S
Large Size	1.500 Sheets	A3, B4, SRA4S, 12"×18", 11"×17", 8.5"×14", 8.5"×14", 11"×17"
Less than small size	500 Sheets	A5, A5S, B6S, A6S, Post card, 5.5"×8.5", 5.5"×8.8"S
Paper Weight	60 – 300gsm	
Paper Format	A3, B4, A4, A4S, B5, B5S, A5,A5S, B6S, SRA4S, 12×18, 11×17, 8.5"×14", 8.5"×11", 8.5"×11S, 5.5"×8.5", Tab paper, Wide size, Custom paper	
Min.	128 x 139mm	
Max.	314 x 458mm	
Off Set Mode		
Function	Exit Paper Each set copy 30mm Shift on the main tray.	
Tray Capacity		
Small size	2.500 Sheets	B5, B5S, A4, A4S, 8.5"×11", 8.5"×11"S
Large size	1.500 Sheets	A3, B4, 12"×18", 11"×17", 8.5"×14", 8.5"×14", 11"×17"
Less than small size	500 Sheets	A5, A5S, B6S, A6S, Post card, 5.5"×8.5", 5.5"×8.8"S
Paper Weight	60 – 300gsm	
Paper Format	A3, B4, A4, A4S, B5, B5S, A5, SRA4S, 12×18, 11×17, 8.5"×14", 8.5"×11", 8.5"×11S, 5.5"×8.5", TAB paper, custom paper	
Min.	182 x 148mm	
Max.	314 x 458mm	
Staple Mode		
Function	After staple, exit the paper on the main tray. Corner : Front Parallel/ Rear 45 degree Diagonal 2 Position : 128mm pitch center	

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Tray Capacity	Max. 1000 Sheets		
	Staple Mode	< 417mm	> 417mm
	2-9	100	50
	10-20	50	50
	21-30	30	30
	31-40	25	25
	41-50	20	20
Capability	64-80gsm: Max. 50 sheets; 48sheets + 2sheets 200gsm 81-105gsm: Max. 30 sheets; 28sheets + 2sheets 200gsm		
Paper Weight	60 – 105gsm		
Paper Format	A3, B4, A4, A4S, B5, B5S, A5, SRA4S, 12x18, 11x17, 8.5"x14", 8.5"x11", 8.5"x11S, 5.5"x8.5", Wide size, Tab paper, Custom paper		
Min.	182 x 139mm		
Max.	314 x 458mm		
Booklet Mode			
Function	After centre folding, the set paper exits on the booklet tray.		
Tray Capacity	Booklet with staple 5 sheet-fold : More than 20 sets (Less than 299mm paper size)		
Capability	Max. 20 sheets / 19 Sheets+ 1 sheet (200gsm)		
Paper Weight	60 – 105gsm		
Paper Format	A3, B4, A4S, SRA4S, 12x18, 11x17, 8.5"x14", 8.5"x11"S, Wide size, Custom paper		
Min.	210 x 279mm		
Max.	314 x 458mm		
Centre folding Mode			
Function	It is possible to be fold within 3 copies, the set paper exits on the booklet tray.		
Capacity	1-3 Sheets		
Paper Weight	60 – 105gsm		
Paper Format	A3, B4, A4S, SRA3, SRA4S, 12x18, 11x17, 8.5"x14", 8.5"x11"S, Wide size, Custom paper		
Min.	210 x 279mm		
Max.	314 x 458mm		
Letter Fold-In Mode			

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Function	It is possible to be fold within 3 copies, the set paper exits on the booklet tray.
Tray Capacity	1 sheet fold : More than 50 sets
Capability	64 - 80gsm: 1-3 sheets 81-105gsm: 1 sheet
Paper Weight	60 – 105gsm
Paper Format	A4S, 8.5"x11S
Sub Tray Mode	
Function	Exit paper without treatment on the sub tray.
Tray Capacity	100 sheets
Paper Weight	50 – 300gsm
Paper Format	A3, B4, A4, A4S, B5, B5S, A5, A5S, B6S, A6S, Post card, SRA3, SRA4, SRA4S, 13"x19", 12"x18", 11"x17", 8.5"x14", 8.5"x11", 8.5"x11"S, 5.5"x8.5", 5.5"x8.5"S, Tab paper, Wide size, Custom paper
Min.	100 x 139mm
Max.	330 x 487mm
Optional	
	Punch kit (PK-512/3)
	Post inserter (PI-502)
Dimension (WxHxD)	424*1 x 990 x 656mm *1: Without Tray, With Tray :674.5mm (Drawer in) / 790.5mm (Drawer out)
Weight	Approx. 65kg
Power Source	From Main Body
Power Consumption	80 W

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Punch Kit	Option
Product Name	PK-512
Type	2/4 holes, Diameter 6.5mm (Selectable)
Compatibility	bizhub PRO C5500, C6500, C6501
Paper size	A3, B4, A4, A4S, B5, B5S, A5, A5S, SRA4S, 11"x17", 8.5"x14", 8.5"x11", 8.5"x11"S, 5.5"x8.5"S
2 holes	
4 holes	
	Unable to Punch: Label paper, Index paper, OHP, Thin paper, Punched paper
Paper weight	60 - 128gsm
Dimension (WxHxD)	130 x 115 x 470mm
Weight	Approx. 3kg
Power Source	from main body
Power Consumption	Less than 40 W

Punch Kit	Option
Product Name	PK-513 (Sweden)
Type	4 holes、 Diameter 6.5mm (adjustment type)
Compatibility	bizhub PRO C5500, C6500, C6501
Paper size	A3, B4, A4, B5
	Unable to Punch: Label paper, Index paper, OHP, Thin paper, Punched paper
Paper weight	60 - 128gsm
Dimension (WxHxD)	130 x 115 x 470mm
Weight	Approx. 3kg
Power Source	from main body
Power Consumption	Less than 40 W

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Post Inserter PI-502	Option
Product Name	PI-502
Type	Cover Paper feeding Tray (2 trays)
Compatibility	bizhub PRO C5500, C6500, C6501
Paper Format	
Upper tray	A4, A4S, B5, B5S, A5, 8.5"x11", 8.5"x11"S, 5.5x8.5, Wide size paper, Custom paper
Min.	182 x 139mm
Max.	216 x 297mm
Lower tray	A3, B4, A4, A4S, B5, B5S, A5, SRA4S, 12"x18", 11"x17", 8.5"x14", 8.5"x11", 8.5"x11"S, 5.5"x8.5"
Min.	182 x 139mm
Max.	314 x 458mm
Paper weight	50 - 200gsm
Paper Capacity	200 sheets x 2 trays
Dimension (WxHxD)	511 x 220 x 620mm
Weight	Approx. 10.5kg
Power Source	from main body
Power Consumption	30 W

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Print / Scan Controller

Internal EFI Controller	Option
Product Name	IC-408
Compatibility	bizhub PRO C5500, C6500, C5501, C6501

External EFI Controller	Option
Product Name	IC-305
Compatibility	bizhub PRO C6500, C6500e/eP, C5501, C6501, C6501e/eP

External CREO Controller	Option
Product Name	IC-304 Plus
Compatibility	bizhub PRO C6500, C6500e/eP, C5501, C6501, C6501e/eP

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IC-408 – Internal EFI controller

Hardware Configuration	
Fiery Platform	X3ETY
Fiery System version	System 8
Base Operating System	Windows XPe
CPU	2.8 GHz
RAM Memory	512 MB
Hard Drive	80 GB
Page Description Languages	
PostScript 3	Yes
136 Adobe PS fonts installed	Yes
PS Font backup support	Yes
Tiff v6	Yes
Downloaded native PDF print support	Version 1.5
PDF/X support	Yes
PDF/X support	Yes
Double Byte Font Support (CID fonts only)	Yes
Spot color support (in PS, EPS, and PDF)	Yes
Enhanced PCL 6 / PCL 5	Yes
80 scalable PCL fonts	Yes
PCL / PS autoswitching	Yes
SmartRIP Technology	Yes
Variable Data	
Formats	
Freeform v1 and v2.1	Yes

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Record & Set Level Finishing Support	
Freeform v1 and v2.1	Yes
VDP record range printing	Yes
VDP imposition (requires EFI Impose)	No
VDP Resource Manager	
Global object deletion	No
PPML	No
Creo VPS	No
Freeform v1 & v2.1	Yes
Job Management Features	
Electronic Collation	Yes
Forward Order application independent electronic collation (1-N)	Yes
Reverse Order application independent electronic collation (N-1)	No
Queue multiple Ripped jobs for printing	Yes
Spool-RIP-Print simultaneously	Yes
Archiving (through CWS)	Yes
To USB based device	No
To Network	Yes
To Internal hard drive	Yes
Search	Yes
Media Server (through CWS)	Yes
USB based device	Client PC
CD/DVD ROM	Client PC
Network	Yes
Internal hard drive	Yes
User Authentication	Yes

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Secure Printing (From Fiery LCD)	Yes
Secure Erase	Optional
Microsoft print server support	Yes
PnP from print server	Yes
print from Fiery Driver	Yes
Terminal Server	Yes
Mixed Media Support (w/VDP support)	Yes
Tab Shift	No
Integrated front/back cover support	No
table UI	Yes
Media Defined Profiles (Automated Color Mapping)	Yes
Booklet Maker v2	Yes
Scale to fit printing	Yes
Balance v3.x compliant	Yes
Copy Protection	Yes
Sample Print	Nyf
Tab Paper Ejection	Nyf
Color and Imaging Features	
RGB Source Profile	Yes
Rendering Style	Yes
RGB Separation	Yes
CMYK Simulation Profile	Yes
CMYK Simulation Methods	Yes
Spot Color Matching	Yes
Brightness	Yes
Pure Black Text and Graphics	Yes
Black Overprint	Yes

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Combine Separations (CMYK)	Yes
Output Profile	Yes
Paper Simulation (enabled with GA Package)	Optional
Substitute Colors (enabled with GA Package, PE)	Optional
ICC Profiles	Yes
Profile Manager for ICC Profiles	Yes
Device link profile support	Yes
Image smoothing	Yes
Auto Trapping	Optional
SpotOn Color editor (w/HKS/Toyo and DIC support)	Optional
Networking	
Auto Protocol switching	Yes
Auto Port switching	Yes
Remote Desktop support - LCD enabled	
Pserver (8 connections)	Yes
NDS	Yes
Netware 6 compliance (IPP, NDPS gateway printing, point and print)	Yes
SMB	Yes
AppleTalk	Yes
TCP/IP	Yes
Static IP	Yes
Auto IP	Yes
DHCP	Yes
BOOTP	Yes
Point and Print	Yes
Win 2000/2003/XP	Yes
Win 98SE/ME/NT	Legacy Limited

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SNMP	Yes
Common Printer MIB	Yes
SNMP Configurable Community Name	Yes
SNMP On/Off Switch	Yes
Port 9100 (w/BiDi)	Yes
IPP	Yes
Email client	Yes
Print via Email (PS/PDF)	Yes
Email Port Monitor	Yes
EFI SDK v1.0	Yes
IP Filtering	Yes
Port Blocking (Filtering)	Yes
Fiery Scan	
Fiery Scan user tools	Yes
Fiery Remote Scan 5.0 (plug-in and application) for Mac OS 9	Legacy Limited
Fiery Remote Scan 5.2 (plug-in and application) for Windows and Mac OS 10.2+ and 10.3	Yes (Retrieve Scan only)
LCD	Yes
WebScan	Yes
Scan initiation	Yes (Copier only)
Fiery-based image modification (if possible)	Yes
ADF scan support	Yes
Scan Destination	Yes
Scan to Mailbox	Yes
Scan to Hold Queue (for use with Job Merge/Edit)	Yes
Scan to Email	Yes
Scan to FTP	Yes
Scan to local hard drive	Yes

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Scan retrieval	Yes
Through twain plug-in and application	Yes
Web	Yes
ColorWise Pro Tools	
Calibrator	Yes
ColorCal (w/Autogray)	Yes
ES1000 support	Yes
X-Rite DTP 32 Series II & 41	Yes
Remote	Yes
Local with GUI kit	Yes
Calibration comparison page	Yes
Color Editor	Yes
Profile Manager	Yes
Edit Profiles	Yes
Device link profile support	Yes
Color Setup	Yes
Spot-On	Yes
WebTools	
Status	Yes
Setup	Yes
Downloader	Yes
Install	Yes
Printer drivers	Yes
Link	Yes
Scan	Yes

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Command WorkStation for Mac	
Compatible with MacOS OS 10.2+	Yes
Downloadable from WebTools	Yes
Security (admin, operator, guest logins)	Yes
Job properties	Yes
Job merge	Yes
Job Preview	Yes
Job Status helper	Yes
Find file by general and advanced attributes	Yes
Single Fiery view	Yes
Clear Server enhancements	Yes
ColorWise Pro Tools support (launcher)	Yes
Launches ImageViewer (enabled w/GA, Premium option)	No
Download	Yes
Command WorkStation	
Compatible with Win 98SE/ME/NT/2000/2003/XP	Yes
Compatible with all EFI servers currently using CWS v3.X	Yes
Security (admin, operator, guest logins)	Yes
Launch additional tools	Yes
ColorWise Pro Tools	Yes
EFI Impose option	Option
EFI Compose option (enabled w/Production Package)	No
Job properties	Yes
Mixed Media (job properties per page or range)	Yes
Job merge	Yes
Booklet Maker v2 overrides	Yes
Multiple Job Preview	Yes

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Job reorder (of held jobs, enabled w/Production Package)	No
Load Balancing (Manual) PS/PDF jobs	Yes
Find file by general and advanced attributes	Yes
Multiple Fiery view	Yes
Tool tips style help	Yes
Clear Server enhancements	Yes
Launches ImageViewer (enabled w/GA, Premium option)	No
Download	Yes
Suspend on mis-match (enabled with Production Package)	Yes
EFI Driver	
Win 2000/2003/XP	Yes
Mixed Media (job properties per page or range)	Yes
Job Monitor (status of user-sent jobs)	Yes
FreeForm previews (PostScript only)	Yes
Booklet Maker v2	Yes
Printer and Consumable status	Yes
Watermarks	Yes
Image shift	Yes
Tab Shift	Yes
Job Templates	Yes
Mac Print Center Plug-ins for OS 10.2+	Yes
Job notes	Yes
ColorWise Expert settings	Yes
Image shift	Yes
Printer status	Yes
PPD support for OS 9.1	Yes

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Fiery Downloader (TCP/IP)	
Postscript	Yes
PS,EPS files	Yes
PDF	Yes
Fonts	Yes
Font backup and restore	Yes
VDP files	Yes
Tiff 6	Yes
EFI Hotfolder	
Support for Win 2000/2003/XP	Option
Support for OS 10.2+	Option
Postscript	Option
PS,EPS files	Option
PDF	Option
Tiff 6	Option

Fiery GA HotFolder	Option (Controller)
Compatibility	IC-408
Functionality	Embed job ticket settings in desktop hot folders to automate the printing process.

Fiery GA SpotOn	Standard
Compatibility	IC-408
Functionality	Manage named colours on the Fiery controller,

512 MB Memory Upgrade	Option (Controller)
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Compatibility	IC-408
Functionality	Enhance Memory to 1GB

Fiery GA Auto Trap	Option (Controller)
Compatibility	IC-408
Functionality	Automatically corrects possible mis-registration of the printer for composite or separated documents.

Fiery Impose	Option (Controller)
Compatibility	IC-408 and IC-303
Functionality	Imposition plus Pit-Stop Plug-in for PDF manipulation

Color Profiler V2 UV	Option (Controller)
Compatibility	IC-303, IC-302, IC-405, IC-408 and more
Functionality	Calibration – ICC profiling, Spectrophotometer ES1000, Monitor profiling

Color Profiler V2 non-UV	Option (Controller)
Compatibility	IC-303, IC-302, IC-405, IC-408 and more
Functionality	Calibration – ICC profiling, Spectrophotometer ES1000, Monitor profiling

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IC-305 – External EFI controller

Hardware Configuration	
Fiery Platform	PRO-80
Fiery System version	System 8 R2
Base Operating System	MS Windows XPe SP2
CPU	Intel Core 2 Duo @ 2,13 GHz
RAM Memory	1GB
Hard Drive	160 GB
Removable Storage	CD-DVD R/W
Page Description Languages	
PostScript 3	Yes
136 Adobe PS fonts installed	Yes
PS Font backup support	Yes
Tiff v6	Yes
Downloaded native PDF print support	Yes
PDF/X support	Yes
Double Byte Font Support (CID fonts only)	Yes
Spot color support (in PS, EPS, and PDF)	Yes
Variable Data	
Formats	Yes
Freeform v1 and v2.1	Yes
PPML (v2.1) compatibility	Yes
Creo VPS Compatibility	Yes
Record & Set Level Finishing Support	Yes
Freeform v1 and v2.1	Yes
PPML	Yes

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Creo VPS	Yes
VDP record range printing	Yes
VDP imposition (requires EFI Impose)	Optional
VDP Resource Manager	
Global object deletion	Yes
PPML	Yes
Creo VPS	Yes
Freeform v1 & v2.1	Yes
Job Management Features	
Electronic Collation	Yes
Forward Order application independent electronic collation (1-N)	Yes
Reverse Order application independent electronic collation (N-1)	Yes
Queue multiple Ripped jobs for printing	Yes
Spool-RIP-Print simultaneously	Yes
Archiving (through CWS)	Yes
To USB based device	Yes
To Network	Yes
To Internal hard drive	Yes
Search	Yes
Media Server (through CWS)	Yes
USB based device	Yes
CD/DVD ROM	Yes
Network	Yes
Internal hard drive	Yes
User Authentication	Yes
Secure Printing (From Fiery LCD)	Yes

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Secure Erase	Yes
Microsoft print server support	Yes
PnP from print server	Yes
print from Fiery Driver	Yes
Terminal Server	Yes
Mixed Media Support (w/VDP support)	Yes
Tab Shift	Yes
Tab insertion	Yes
Integrated front/back cover support	Yes
table UI	Yes
Media Defined Profiles (Automated Color Mapping)	Yes
Booklet Maker v2	Yes
Scale to fit printing	Yes
Balance v3.x compliant	Yes
Copy Protection	Yes
Sample Print	Tbd
Tab Paper Ejection	Tbd
Color and Imaging Features	
RGB Source Profile	Yes
Rendering Style	Yes
RGB Separation	Yes
CMYK Simulation Profile	Yes
CMYK Simulation Methods	Yes
Spot Color Matching	Yes
Brightness	Yes
Pure Black Text and Graphics	Yes
Black Overprint	Yes

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Combine Separations (CMYK)	Yes
Output Profile	Yes
Paper Simulation (enabled with GA Package)	Optional
Substitute Colors (enabled with GA Package, PE)	Optional
ICC Profiles	Yes
Profile Manager for ICC Profiles	Yes
Device link profile support	Yes
Image smoothing	Yes
Auto Trapping	Yes
SpotOn Color editor (w/HKS/Toyo and DIC support)	Yes
Networking	
Auto Protocol switching	Yes
Auto Port switching	Yes
Remote Desktop support - LCD enabled	Yes
Pserver (8 connections)	Yes
NDS	Yes
Netware 6 compliance (IPP, NDPS gateway printing, point and print)	Yes
SMB	Yes
AppleTalk	Yes
TCP/IP	Yes
Static IP	Yes
Auto IP	Yes
DHCP	Yes
BOOTP	Yes
Point and Print	Yes
Win 2000/2003/XP	Yes
Win 98SE/ME/NT	Yes

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SNMP	Yes
Common Printer MIB	Yes
SNMP Configurable Community Name	Yes
SNMP On/Off Switch	Yes
Port 9100 (w/BiDi)	Yes
IPP	Yes
Email client	Yes
Print via Email (PS/PDF)	Yes
Email Port Monitor	Yes
EFI SDK v1.0	Yes
IP Filtering	Yes
Port Blocking (Filtering)	Yes
Fiery Scan	
Fiery Scan user tools	Yes
Fiery Remote Scan 5.0 (plug-in and application) for Mac OS 9	Yes (Retrieve Scan only)
Fiery Remote Scan 5.2 (plug-in and application) for Windows and Mac OS 10.2+ and 10.3	Yes (Retrieve Scan only)
LCD	Yes
WebScan	Yes
Scan initiation	Yes (Copier only)
Fiery-based image modification (if possible)	Yes
ADF scan support	Yes
Scan Destination	Yes
Scan to Mailbox	Yes
Scan to Hold Queue (for use with Job Merge/Edit)	Yes
Scan to Email	Yes
Scan to FTP	Yes
Scan to local hard drive	Yes

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Scan retrieval	Yes
Through twain plug-in and application	Yes
Web	Yes
ColorWise Pro Tools	
Calibrator	Yes
ColorCal (w/Autogray)	Yes
ED-100 support	Yes
ES1000 support	Yes
X-Rite DTP 32 Series II & 41	Yes
Remote	Yes
Local with GUI kit	Yes
Calibration comparison page	Yes
Color Editor	Yes
Profile Manager	Yes
Edit Profiles	Yes
Device link profile support	Yes
Color Setup	Yes
Spot-On	Yes
WebTools	
Status	Yes
Setup	Yes
Downloader	Yes
Install	Yes
Printer drivers	Yes
Link	Yes
Scan	Yes

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Command WorkStation for Mac	
Compatible with MacOS OS 10.2+	Yes
Downloadable from WebTools	Yes
Security (admin, operator, guest logins)	Yes
Job properties	Yes
Job merge	Yes
Job Preview	Yes
Job Status helper	Yes
Find file by general and advanced attributes	Yes
Single Fiery view	Yes
Clear Server enhancements	Yes
ColorWise Pro Tools support (launcher)	Yes
Launches ImageViewer (enabled w/GA, Premium option)	Optional
Download	Yes
Command WorkStation	
Compatible with Win 98SE/ME/NT/2000/2003/XP	Yes
Compatible with all EFI servers currently using CWS v3.X	Yes
Security (admin, operator, guest logins)	Yes
Launch additional tools	Yes
ColorWise Pro Tools	Yes
EFI Impose option	Yes
EFI Compose option (enabled w/Production Package)	Yes
Job properties	Yes
Mixed Media (job properties per page or range)	Yes
Job merge	Yes
Booklet Maker v2 overrides	Yes

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Multiple Job Preview	Yes
Job reorder (of held jobs, enabled w/Production Package)	Yes
Load Balancing (Manual) PS/PDF jobs	Yes
Find file by general and advanced attributes	Yes
Multiple Fiery view	Yes
Tool tips style help	Yes
Clear Server enhancements	Yes
Launches ImageViewer (enabled w/GA, Premium option)	Yes
Download	Yes
Suspend on mis-match (enabled with Production Package)	Yes
EFI Driver	
Win 2000/XP/Vista	Yes
Mixed Media (job properties per page or range)	Yes
Job Monitor (status of user-sent jobs)	Yes
FreeForm previews (PostScript only)	Yes
Booklet Maker v2	Yes
Printer and Consumable status	Yes
Watermarks	Yes
Image shift	Yes
Tab Shift	Yes
Job Templates	Yes
Mac Print Center Plug-ins for OS 10.2+	Yes
Job notes	Yes
ColorWise Expert settings	Yes
Image shift	Yes
Printer status	Yes
PPD support for OS 9.1	Yes

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Fiery Downloader (TCP/IP)	
Postscript	Yes
PS,EPS files	Yes
PDF	Yes
Fonts	Yes
Font backup and restore	Yes
VDP files	Yes
Tiff 6	Yes
EFI Hotfolder	
Support for Win 2000/2003/XP	Yes
Support for OS 10.2+	Yes
Postscript	Yes
PS,EPS files	Yes
PDF	Yes
Tiff 6	Yes

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GA package	Option (Controller)
Compatibility	IC-303, IC-305
Functionality	TIFF / IT HKS + Toyo + DIC spot colour support Halftone printing Paper simulation Unlimited separations Soft proofing
Package Includes	Dongle CD Feature Update S/W Documentation

GA Premium Edit.	Option (Controller)
Compatibility	IC-303, IC-305
Functionality	EFI Image Viewer Soft Proof PDF new Integrated Hot folder filters PDF/X-1a and PDF/X-3 preflight Advanced trapping support Paper simulation white point editing Halftone Simulation with frequency per colour Substitute colours Postflight Control bar Progressives
Package Includes	Dongle CD Feature Update S/W Documentation

GA Premium Edit.Upgr.	Option (Controller)
Compatibility	IC-303, IC-305
Functionality	Upgrade for the GA Std. Package to all features of the Premium package
Package Includes	Dongle Documentation

Fiery Compose	Option (Controller)
Compatibility	IC-305
Functionality	EFI's Compose is a commanding software application designed to prepare documents for printing.
Package Includes	DVD, Adobe Acrobat 8.0 + Enfocus PitStop 7.03 Dongle, USB, Compose

Fiery Impose 2.7	Option (Controller)
Compatibility	IC-305
Functionality	Imposition plus Pit-Stop Plug-in for PDF manipulation
Package Includes	DVD with Acrobat 8.0 and Enfocus PitStop 7.03 Documentation Dongle for Impose

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HDD Security	Option (Controller)
Compatibility	IC-305, IC-303, IC-302
Functionality	The Fiery Removable Hard Drive Option provides the user with the ability to lock the server's hard drive into the system for normal operation and the ability to remove the hard drive to a secure location after powering down the server.

FACI Dongle f. IC-305	Option (Controller)
Compatibility	IC-305
Functionality	Dongle only version of CWS Option (comes without monitor, keyboard and mouse)
Package Includes	CD, Feature Update S/W Documentation Faci Dongle

All in bundle	Option (Controller)
Compatibility	IC-305
Functionality	Includes FACI kit, GA Premium Edition, Compose 2.0, Impose 2.7, Color Profiler V2 non-UV
Package Includes	Please see at the single components

FACI kit f. IC-305	Option (Controller)
Compatibility	IC-305
Functionality	FACI kit for CWS Option (comes 15"monitor, keyboard and mouse)
Package Includes	Furniture Keyboard Mouse Monitor CD, Feature Update S/W Documentation Faci Dongle

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Color Profiler V2 UV	Option (Controller)
Compatibility	IC-305, IC-303, IC-302, IC-405, IC-408 and more
Functionality	Calibration – ICC profiling, Spectrophotometer ES1000, Monitor profiling
Package Includes	

Color Profiler V2 non-UV	Option (Controller)
Compatibility	IC-305, IC-303, IC-302, IC-405, IC-408 and more
Functionality	Calibration – ICC profiling, Spectrophotometer ES1000, Monitor profiling
Package Includes	

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IC-304 Plus – External CREO controller

Hardware Configuration	
Base Operating System	Windows XP
CPU	Intel Core 2 Duo @ 3,0 GHz
RAM Memory	2,048
Hard Drive	3 x 250 GB
Peripherals	
DVD R/W	Yes
17" TFT LCD	Yes
2-button USB mouse	Yes
Keyboard	Yes
X-Rite DTP-34	Yes
Stand	Yes
Interface Ports	
USB	4 (no one is used for printing)
Serial Port	1 (for Densitometer)
Ethernet ports	2
NETWORK	
File Sharing	Net Bios TCP/IP, Net BEUI, IPX/SPX, SNMP Novell v6.0 AppleShare over IP
Printing Net Bios	Net Bios TCP/IP, Net BEUI, IPX/SPX AppleTalk, Printing over IP LPR (TCP/IP, LPRD/LPD) NDS (IPX/SPX) SMB Printing
Ethernet	10/100/1000BaseT

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SNMP	Yes (RFC1213)
PRINT CONTROLLER CLIENTS	
Client Platforms	Mac OS 10 Native & Classic Windows 2000 Professional Windows NT Windows XP Professional Windows Server 2003
Supported Drivers	Print Center version 2.2 - for Mac OS 10.x Adobe PostScript driver 5.21.04 for Windows XP Adobe PostScript driver 5.21.04 - for Windows NT Adobe PostScript driver 5.2.1- for Windows 2000 Adobe PostScript driver 1.0.6 - for all Windows Versions
File Input Formats	Postscript Level 1,2 & 3 VPS (Variable Print Specifications) PPML 2.1, GA Comformance EPS Adobe PDF ver 1.3, 1.4, 1.5, 1.6 Jpeg (except for Progressive Jpeg and Jpeg 2000 which are not supported) Tiff 6.0 (16 bit tiff is not supported) Tiff/IT-P1 Brisque Jobs All versions CT All versions LW All versions Pre Separated PS files
Others	JDF JMF
OPI Support	Yes (V1.3 and 2.0)
OPI Vendors	Helios ColorCentral Quark
PRINTING	
Number of Copies	Yes
Print Range	Yes
Duplex Printing	Yes

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Paper Stock	Yes
Tray	Yes
Force tray	Yes
Gallop	Yes
Remote Tools	Web Center Web Viewer Viewer API Hor Folders
IMPOSITION PARAMETERS	
Method	Yes
Output Sheet Size	Yes
Final Trim Size	Yes
Template	Yes
Trim Orientation	Yes
Bleed size	Yes
Gutter size	Yes
Crop Marks	Yes
Duplex	Yes
Fold Marks	Yes
Margins	Yes
Spine Size	Yes
Creep	Yes
Dynamic View	Yes
QUALITY PARAMETERS	
Monet engine Tag bit support	Yes
IC-304 Graphics Quality Text / Line	Yes
IC-304 Image Quality	Yes
IC-304 slim text/Graphics	Yes

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IC-304 Improved text/line in image	Yes
Trapping	Yes
Black Overprint	Yes
PS Overprint	Yes
Screening	Yes
COLOR PARAMETERS	
Color Mode	Yes
Brightness Control	Yes
Contrast Control	Yes
Spots	Yes
Gradation	Yes
GCR	Yes
Identify Black	Yes
CMYK Emulation	Yes
RGB Profile	Yes
Rendering Intent	Yes
Destination Profile	Yes
Gradation	Yes
Profile Manager	Yes
Spot Color Editor	Yes
PRINT METHOD PARAMETERS	
Collated/Uncollected	Yes
Slip Sheet between Copies	Yes
Reverse Print Order	Yes
Face Up	Yes
Printing Side	Yes

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Rotate 180	Yes
Scaling	Yes
EXCEPTIONS PARAMETERS	
Page Range	Yes
Front Cover	Yes
Back Cover	Yes
Inserts	Yes
Exceptions Advanced options	Yes
Imposed Page Exceptions	Yes
Admin Page	Yes
Substitute Fonts	Yes
Image Shift	Yes
APR	Yes
PDF Optimization	Yes
PS Optimization	Yes
Job Info	Yes
SERVICE TOOLS	
Font Management	Yes
Acrobat Tabs plug in tool	Yes
JOB MANAGEMENT	
Waiting Job	Yes
Running Job	Yes
On Hold Status in the Process Queue	Yes
On Hold Status in the Print Queue	Yes
Failed Job	Yes

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Aborted Job	Yes
Held Job	Yes
Job Processing	Yes
Job Printing	Yes
Edit Parameters	Yes
Resubmit	Yes
Delete	Yes
Duplicate	Yes
Preview	Yes
Archive and Retrieve	Yes
PDF2Go	Yes
Print Queue Manager	Yes
Back to original	Yes
Queue Functionality	Yes
Process Queue	Yes
Print Queue	Yes
In/Out Queue (Files Transfer)...	Yes
Storage Folder	Yes
Job Preview & Editor	Yes
SCANNING	
Scan operation	Yes
Scan While Print	Yes
Output date format	Yes
Scan to HDD	Yes
Remote Scan Application	Yes
SYSTEM INFORMATION SERVICES	

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Job History	Yes
Messages	Yes
Accounting	Yes
Printer States	Yes
Resource Status	Yes
IC-304 Print Controller Resources Monitor	Yes
Job Ticket Report	Yes
Detecting and reporting errors	Yes

Profile Wizard Digi	Option (Controller)
Compatibility	IC-304
Functionality	Profiling
	includes CD, dongle, Manual

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Copier Specification

Copier Functionality	
Auto Original Detection	Colour / BW
Auto Size Detection	Yes
Auto Tray Selection	Yes
Auto Tray Switch	Yes
Magnification	
Zoom range	25 – 400%
Zoom Preset	Yes
Zoom Program	3
XY Zoom	
Colour Modes	
	Full Colour
	BW

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Copier Spec.

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Toner	
TN612C	A0VW450
TN612M	A0VW350
TN612Y	A0VW250
TN612K	A0VW150
Compatibility	Bizhub PRO C6501, C6501e /e P
Type	
Weight CMY	500g
Weight K	710g
Yield CMY	25.000 @ 5%
Yield K	37.400 @ 5%
Developer	
DV610C	Cyan Developer
DV610M	Magenta Developer
DV610Y	Yellow Developer
DV610K	Black Developer
Compatibility	bizhub PRO C6501, C6501e /e P
Type	
Weight CMY	1.100g
Weight K	1.100g
Lifetime CMY	150.000
Lifetime K	150.000
Drum	
DU-102	Drum for Cyan, Magenta, Yellow
DU-102B	Drum for Black
Compatibility	bizhub PRO C6501, C6501e /e P, C5500, C6500, C6500e/eP

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Type	OPC
Lifetime	150.000
Staples for FS-607	
MS—5C	44448121
Compatibility	bizhub PRO C6501, C5500, C6500
Content	3 x 5000 staples
Staples for FS-520	
SK-602	14YK
Compatibility	bizhub C252, C300, C352, C451, C550, C650, 600, 750, PRO C5500, PRO C6500, C5501, C6501
Content	3 x 5000

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Machine	
bizhub PRO C5501	A0U1021
Accessories	
Document Feeder DF-609	A052WY1
Platen Cover OC-506	A0420Y0
Hard Disk Drive HD-506	A03Y0Y0
Patlite indicator Lamp	9967000109
Ventilation kit	9967000459
Controller Cabinet CC-1	9960730000
Finishing	
Output Tray OT-502	A0430Y0
Booklet Finisher FS-607	A04DWW0
Staple Finisher FS-520	A0DRWW0
Punch Kit PK-512	A04F0Y0
Punch Kit PK-513 (Sweden)	A04G0G0
Post Inserter PI-502	A04HWY1
Large Capacity Tray LU-202	A03WWW0
Dehumidification Heater HT-503	A0410Y0
Print Controller IC-408	
Internal EFI controller IC-408	A0360Y0
512 MB Memory	9967000458
Fiery GA Hotfolder	9967000314
Fiery GA Auto trapping	9967000315
Secure Erase	9967000313
Fiery Impose	9967000285
Color Profiler V2 UV	9967000311

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Color Profiler V2 non-UV	9967000312
Print Controller IC-305	
External EFI controller IC-305	A0MD0Y0
GA package	9967000280
GA Premium Edition	9967000281
GA Premium Edit.Upgr.	9967000282
HDD Security	9967000239
Fiery Impose 2.7	9967000543
Fiery Compose	9967000545
FACI Dongle for IC-305	9967000542
FACI kit for IC-305	9967000541
Color Profiler V2 UV	9967000311
Color Profiler V2 non-UV	9967000312
All in bundle	9967000544
Print Controller IC-304 Plus	
External CREO controller IC-304 Plus	A0730Y1
Profile Wizard Digi	9967000306
Consumables	
Drum DU-102	A0400Y0
Drum DU-102B	A0400Y2
Developer Cyan DV610C	A04P800
Developer Magenta DV610M	A04P800
Developer Yellow DV610Y	A04P700
Developer Black DV610K	A04P600
Toner Cyan TN610C	A0VW450
Toner Magenta TN610M	A0VW350
Toner Yellow TN610Y	A0VW250

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Toner Black TN610K	A0VW150
Staples FS-520	14YK
Staples FS-607	4448121
User Manual	
EN	9961550300
DE	9961550301
FR	9961550302
ES	9961550303
IT	9961550304
PT	9961550305
NL	9961550306
DA	9961550307
SV	9961550308
NO	9961550309
FI	9961550310
EL	9961550311
TR	9961550313
CS	9961550315
PL	9961550321
RU	9961550323
Face Sheets	
EN	9969650000
DE	9969650001
FR	9969650002
ES	9969650003
IT	9969650004
PT	9969650005
NL	9969650006

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DA	9969650007
SV	9969650008
NO	9969650009
FI	9969650010
EL	9969650011
TR	9969650013
CS	9969650015
PL	9969650021
RU	9969650023

Parts

Will be added later.

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Installation

Due to the high manufacturing level and the resulting robust frame, it is not possible to unpack and move the bizhub PRO C5501 by a single person directly after delivery. The total weight of the main body is alone is 360 kg. At least in the early stage of installation, two persons are needed. For the rest of the installation period a single person will be able to do the work.

Details for installation time, to be informed later however we estimate about 1 working day for a complete installation of the bizhub PRO C5501.

For more details to install the machine, please look the Installation Manuel.

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Localisation

	EN	DE	FR	ES	IT	PT	PT	NL	DA	SV	NO	FI	EL	TR	CS	PL	RU
Display Messages																	
Operator Mode																	
Administrator Mode																	
Service Mode																	
Face Sheet	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Labels																	
Documentation																	
User Manual	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Administrator Manual																	
Service Manual																	
Installation Manual																	
Printer Driver	X	X	X	X	X												
Web Tools																	
Main Body																	
Controller																	

Maintenance

Reduction of the Maintenance time and higher availability of the product

Preventive measure

To prevent dust development in the machine the charge and the bias voltage system were changed. This has also a positive impact for the toner yield. Additionally a new filter system was installed, which filters the fresh air from outside to reduce the dust contamination inside the machine.

It was possible to reduce the fusing temperature due to the new Simirti HD toner. The toner and the carrier are ultra small particles with a lower melting point. The combination of the belt type and lower temperature have a positive impact against the waviness of the printing material. The lower temperature reduce the wearing of the material and gives less stress for the engine in general, which extends the lifetime. The fusing unit is split in to two parts which reduce the maintenance time as the fitting is easier and the unit can be prepared in advance. Please refer to the table below. To reduce the maintenance time a developer discharging system was implemented. By releasing a lever the magnetic roller was turned to release developer.

Instead of replacement of single components the swap of complied units is required.

This can save

1 ½ hours Maintenance time which means less down time and higher availability of the product.

To establish a unit swap following units are prepared:

Charge corona, fusing unit, upper fusing belt, middle transfer belt, developing unit (C/Bk), toner supply, duplex unit (ADU), operation panel and write unit.

	Target part	Single part replacement time	Unit replacement time	Saved time
Fusing Unit	Drive Gear	45 min	5 min	40 min
Upper belt unit upper fusing belt	Upper belt unit upper fusing belt	30 min	15 min	15 min
Middle transfer belt	Middle transfer belt	20 min	5 min	15 min
Developer unit	Discharge of the developer at Service point and filling with Developer at customer side. According to the colour the developer can be packed to the swap units.			20 min

To reduce the Service cost the lifetime of paper exit decurler roller, fusing belt regulating sleeve has been extended from 200.000 pages to 400.000 pages. The developer unit the lifetime was 60.000 pages and it's now 100.000 pages. This has a positive effect to the click cost which reduces the cost approximately by 10%.

Depending on the quality level and the usage (paper material) it is possible to extend the lifetime

For parts used longer then normal life the chart below show the judgment of extended lifetime.

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Pages per Minute

Colour / BW	Mode Output Condition	Process Speed	CPM of Each Paper Size (CPM)								
			330 x 482	A3	B4	F4	A4S	B5S	A4	B5	A5S
Colour (include Mono colour)	Simplex Straight (Face Up)	1 / 1	29.3	32.9	37.1	40.0	43.6	48.6	55.2	65.3	55.2
		2 / 3	20.3	22.8	25.6	27.7	30.2	33.7	38.2	45.3	38.2
		1 / 2	14.6	16.5	18.5	20.0	21.8	24.3	27.6	32.6	27.6
	Simplex Straight (Face down)	1 / 1	24.5	28.2	32.6	35.9	40.0	46.2	55.2	65.4	55.2
		2 / 3	26.9	19.5	22.5	24.9	27.7	32.0	38.2	45.3	38.2
		1 / 2	12.2	14.1	16.3	18.0	20.0	23.1	27.6	32.6	27.6
	Duplex	1 / 1	24.8	26.6	28.4	38.3	40.5	43.0	55.2	65.4	55.3
		2 / 3	18.3	19.7	21.1	22.1	23.1	31.7	34.3	40.7	34.3
		1 / 2	13.6	14.7	15.8	16.6	17.4	18.5	19.9	23.4	19.9
B / W	Simplex Straight (Face Up)	1 / 1	29.3	32.9	37.0	40.0	43.5	48.6	55.2	65.3	55.2
		2 / 3	20.3	22.8	25.6	27.7	30.2	33.7	38.1	45.2	38.2
		1 / 2	14.6	16.4	18.5	20.0	21.8	24.3	27.6	32.6	27.6
	Simplex Straight (Face down)	1 / 1	24.5	28.2	32.5	35.9	40.0	46.3	55.3	65.4	55.2
		2 / 3	17.0	19.5	22.5	24.9	27.7	32.1	38.2	45.3	38.2
		1 / 2	12.2	14.1	16.3	17.9	20.0	23.1	27.6	32.6	27.6
	Duplex	1 / 1	24.7	26.6	28.4	38.2	40.3	43.0	55.1	65.1	55.1
		2 / 3	19.2	19.6	22.4	23.5	24.8	33.9	36.8	42.1	36.8
		1 / 2	14.6	16.3	17.7	18.7	17.4	21.3	23.0	26.5	23.1

Measurement condition

- (1) Memory copy, tray is used.
- (2) Bold marked cells represent the standard values, others are reference values.
- (3) No process stabilization during measurement.

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Colour Productivity

Sheet	Productivity of each mode (%)							
	Colour				B / W			
	S-S	S-D	D-S	D-D	S-S	S-D	D-S	D-D
1	50.7	34.9	44.9	40.1	53.3	35.9	46.2	40.7
3	75.0	64.9	71.1	66.9	77.6	65.9	72.2	67.5
5	83.4	73.0	80.5	77.2	85.4	73.8	81.4	77.5
10	91.2	85.4	89.4	88.2	92.3	85.8	89.9	88.3

Measurement condition

- (1) Media size A4, same as original size
- (2) ADF mode, 1:1, Manual selection (Density, Media size, Magnification, Color mode), No image rotation, Plain paper (original and copy), Standard gloss.
- (3) Performed in BLI standard mode.
- (4) No process stabilization during measurement.
- (5) Bold marked cells represent the standard values, others are reference values.

Originals per Minute

Mode	Simplex - Simplex				Simplex - Duplex			
Original Size	B5	A4	B4	A3	B5	A4	B4	A3
OPM	39.1	39.2	26.5	22.5	27.9	27.4	23.6	22.2

Measurement condition

- (1) ADF is used.
- (2) 1:1, Manual selection (Density, Media size, Magnification, Color mode), Plain paper (original and copy), Standard gloss.
- (3) Bold marked cells represent the standard values, others are reference values.

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Speed per Paper weight and type

		64 - 74	75 - 80	81 - 105	106 - 135	136 - 162	163 - 209	210 - 256	257 - 300
Plain Paper	Normal								
	Glossy								
Color Copy	Normal								
	Glossy								
Coloured Paper	Normal								
	Glossy								
High Quality	Normal								
	Glossy								
Coated GL	Normal								
	Glossy								
Coated ML	Normal								
	Glossy								
Coated GO	Normal								
	Glossy								
Coated MO	Normal								
	Glossy								

	55ppm
	38ppm
	27.5ppm

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First Copy Out Time

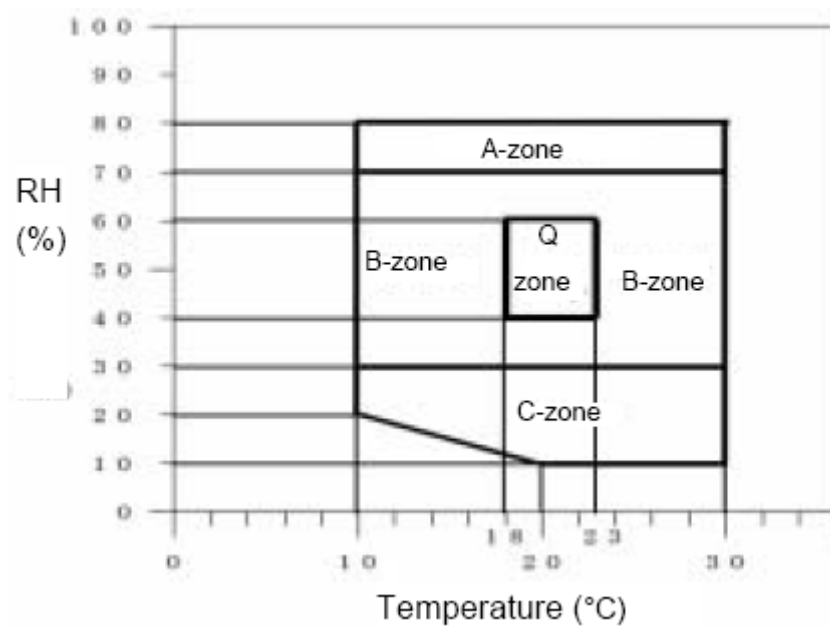
Mode							
	Output Condition	Process Speed	Tray 1	Tray 2	Tray 3	Bypass	LU-202
Colour (include Mono colour)	Simplex Straight (Face Up)	1 / 1	5.91	5.90	5.90	5.91	5.90
		2 / 3	7.64	7.64	7.64	7.63	7.63
		1 / 2	9.95	9.96	9.95	9.96	9.97
	Simplex Straight (Face down)	1 / 1	6.27	6.28	6.27	6.28	6.27
		2 / 3	7.55	7.56	7.56	7.55	7.56
		1 / 2	9.32	9.31	9.31	9.32	9.32
B / W	Simplex Straight (Face Up)	1 / 1	4.48	4.47	4.48	4.47	4.47
		2 / 3	5.80	5.80	5.79	5.79	5.81
		1 / 2	7.44	7.43	7.43	7.43	7.43
	Simplex Straight (Face down)	1 / 1	4.86	4.85	4.85	4.85	4.85
		2 / 3	5.71	5.71	5.71	5.73	5.72
		1 / 2	6.80	6.79	6.78	6.79	6.78

Measurement condition

- (1) A4 or 8.5x11
- (2) Output to main exit tray.
- (3) Platen, 1:1, Manual selection (Density, Media size, Magnification, Color mode), Simplex.
- (4) Bold marked cells represent the standard values, others are reference values.
- (5) For process speeds 2/3 and 1/2 of full speed, measurement starts from 2nd operating sequence.

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QZone definition



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Recommended Papers

Manufactur	Name	Type	GSM	Status
Hammermill	Color Copy Photo White	Bond	105	REFERENCE
Mondi	Color Copy	Uncoated paper	160	REFERENCE
Mondi	Color Copy	Uncoated paper	250	REFERENCE
Mondi	Color Copy Coated Silk	Coated paper	135	REFERENCE
POD	POD gloss coat 128	Coated paper	128	REFERENCE
POD	POD gloss coat 158	Coated paper	158	REFERENCE
	CF-80	Color paper	80	GUARANTEED
3M	CG3700	OHP		GUARANTEED
Mondi	Color Copy	Business	90	GUARANTEED
Mondi	Color Copy	Business	100	GUARANTEED
Mondi	Color Copy	Business	120	GUARANTEED
Mondi	Color Copy	Uncoated paper	200	GUARANTEED
Mondi	Color Copy	Uncoated paper	220	GUARANTEED
Mondi	Color Copy	Uncoated paper	280	GUARANTEED
Mondi	Color Copy	Uncoated paper	300	GUARANTEED
Mondi	Color Copy Coated Silk	Coated paper	170	GUARANTEED
Mondi	Color Copy Coated Silk	Coated paper	200	GUARANTEED
Mondi	Color Copy Coated Silk	Coated paper	250	GUARANTEED
Mondi	Color Copy Coated Glossy	Coated paper	135	GUARANTEED
Mondi	Color Copy Coated Glossy	Coated paper	170	GUARANTEED
Mondi	Color Copy Coated Glossy	Coated paper	200	GUARANTEED
Mondi	Color Copy Coated Glossy	Coated paper	250	GUARANTEED
POD	POD gloss coat 80	Coated paper	80	GUARANTEED
POD	POD gloss coat 100	Coated paper	100	GUARANTEED
Avery	5160	Label		GUARANTEED
Hammermill	Color Copy Photo White	Text/Bond	120	GUARANTEED
Hammermill	Color Copy Cover	Uncoated paper	163	GUARANTEED
Hammermill	Color Copy Cover	Uncoated paper	216	GUARANTEED
Hammermill	Color Copy Glossy	Coated paper	120	GUARANTEED
Avery	L7160	Labels		RECOMMENDED
Avery	L7169	Labels		RECOMMENDED

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Clairefontaine	DCP	Business	120	RECOMMENDED
Clairefontaine	DCP	Uncoated Cover	250	RECOMMENDED
Clairefontaine	DCP coated	Coated Cover	170	RECOMMENDED
silverpapers	silver image SUPERGLOSS	Coated	160	RECOMMENDED
silverpapers	silver image MATT	Coated	170	RECOMMENDED
Stora Enso	4CC Sheets	Business	100	RECOMMENDED
Stora Enso	4CC Sheets	Uncoated Cover	280	RECOMMENDED
Stora Enso	4CC Sheets	Uncoated Cover	160	RECOMMENDED
Stora Enso	4CC Gloss Sheets	Coated Cover	220	RECOMMENDED
Xerox	Digital Colortech+	Uncoated Cover	280	RECOMMENDED

REFERENCE – This paper can be used for testing purpose and should always bring optimum quality

GUARANTEED – This paper passed the same test as REFERENCE paper, showed very good quality but not REFERENCE quality

RECOMMENDED – Passed basic test in Japan

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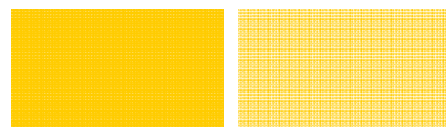
Article No.

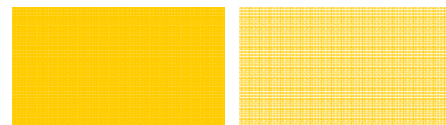
Parts

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